

## Attachment 7. Schedule

The proposed schedule for completing the Solano area GSFLOW numerical model project is summarized below in **Table 1**. Proposed work will be ready to proceed when funding is secured, assuming a start date of April 2013. The date of completion is expected to be within 19 months from the start date, namely by the end of December 2014. There are no permits or access issues to perform any tasks, and no CEQA documentation is required. Therefore, the only obstacles expected involve delays in receiving data from cooperating entities (mainly in the form of monthly or yearly surface water deliveries and pumpage estimates). The data collection process takes place in Task 1, and therefore ample time is given for completion of this task to accommodate any delays in the reception of delivery/pumpage input data.

Task 1, the GSFLOW model development and calibration, is expected to be completed within 5-6 months. Task 2 contains a meeting involving the coordination of the SCWA member entities. Tasks 2 through 6 are each expected to take between approximately 2 to 4 months to complete. The draft and final documentation in Task 7 is expected to be completed by approximately the end of December 2014. The quarterly progress reports in Task 8 are expected to be produced in July 2013, October 2013, January 2014, April 2014, July 2014, and October 2014.

### Table 1 Schedule of Tasks

	2013									2014											
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Task 1</b>	<b>Model Development and Calibration</b>																				
<i>Task 1.1</i>	<i>Model Development - GSFLOW/PRMS Input Files</i>																				
<i>Task 1.2</i>	<i>Model Development - MODFLOW-2005 Input Files</i>																				
<i>Task 1.3</i>	<i>Model Calibration</i>																				
<b>Task 2</b>	<b>Conjunctive Use Simulations</b>																				
<i>Task 2.1</i>	<i>Meeting/Coordination with SCWA Member Entities to Develop Scenarios</i>																				
<i>Task 2.2</i>	<i>Run Conjunctive Use Scenarios</i>																				
<b>Task 3</b>	<b>Pumpage Distribution Simulations Deep Basal Zone of Tehama Formation</b>																				
<b>Task 4</b>	<b>Recharge and Interconnectivity to Lower Freshwater Aquifer Zones Used for Supply</b>																				
<i>Task 4.1</i>	<i>Evaluation of Simulation Results Related to Recharge Mechanisms</i>																				
<i>Task 4.2</i>	<i>Prepare Map of Recharge Areas to Different Units of Aquifer System</i>																				
<b>Task 5</b>	<b>Examine the Implications of Lowered Groundwater Levels and Potential Subsidence</b>																				
<i>Task 5.1</i>	<i>Evaluate Simulation Results Related to Potential for Subsidence</i>																				
<b>Task 6</b>	<b>Determine the Groundwater Budget for the Complex Aquifer System in Greater Solano Area</b>																				
<b>Task 7</b>	<b>Documentation and Reporting</b>																				
<i>Task 7.1</i>	<i>Draft Model Documentation Report</i>																				
<i>Task 7.2</i>	<i>Final Model Documentation Report</i>																				
<b>Task 8</b>	<b>Quarterly Progress Reports</b>																				